

ABSTRACT OF THE DISCLOSURE

A communication device for transmitting and/or receiving signals using a communication antenna includes signal characteristic information detection means for detecting information regarding signal characteristics of a calibration signal contained in
5 a signal received by the communication antenna, calibration means for calibrating a communication antenna chain based on the detected signal characteristic information, cancellation signal generating means for generating a cancellation signal corresponding to a calibration signal contained in the signal received by the communication antenna based on the calibration signal, signal cancellation-by-subtraction means for subtracting
10 the generated cancellation signal from the signal received by the communication antenna; and receive signal processing means for processing the received signal diminished by the cancellation signal.